



IPW

Docket No.: 50024-024

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|  |   |                           |
|--|---|---------------------------|
| In re Application of   | : | Customer Number: 20277    |
| Seiichi BANBA  | : | Confirmation Number: 9978 |
| Application No.: 10/810,833  | : | Group Art Unit: 2817      |
| Filed: March 29, 2004  | : | Examiner: Henry Choe      |
| For: VARIABLE GAIN DIFFERENTIAL AMPLIFIER AND MULTIPLICATION CIRCUIT |   |                           |

**RESPONSE TO REQUIREMENT FOR ELECTION OF SPECIES**

Mail Stop Restriction Requirement  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of August 24, 2004, which set a three-month period for reply, and required an election of Species, Applicant hereby elects Species XI (Fig. 12, upon which claims 11-13 are readable) for prosecution in the above-identified application.

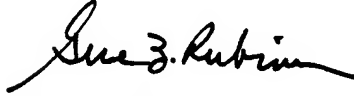
To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit

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account. As the Office Action has set a three-month period for response, it is submitted that no extension of time is required.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLP

A handwritten signature in black ink, appearing to read "Gene Z. Robinson", with a stylized, flowing script.

Gene Z. Robinson  
Registration No. 33,351

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**Date: November 19, 2004**  
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